

L Number	Hits	Search Text	DB	Time stamp
1	586	(oil or fat) and silicone and 426/???.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/11 13:00
2	8	((oil or fat) and silicone and 426/???.ccls.) and (ascorbyl adj palmitate or ascorbyl adj stearate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/11 12:55
3	4160	((426/601-613) or (426/438426/330.6)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/11 13:00
4	121	((oil or fat) and silicone and 426/???.ccls.) and (((426/601-613) or (426/438426/330.6)).CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/11 13:26
5	14866	catechin or rosemary or sage or turmeric or epicatechin or epigallochatechin	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/11 13:29
6	5604	(catechin or rosemary or sage or turmeric or epicatechin or epigallochatechin) and (fat or oil)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/11 13:29
7	297	(catechin or rosemary or sage or turmeric or epicatechin or epigallochatechin) and (fat or oil) and (fried or frying or fry)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/11 13:30
8	238	(catechin or rosemary or sage or turmeric or epicatechin or epigallochatechin) and (fat or oil) and (fried or frying or fry) and @ay<2001	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/11 13:30
-	4160	((426/601-613) or (426/438426/330.6)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/11 13:00
-	4816	("426.330.6").PN. or ((426/601-613) or (426/438)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/11 10:45
-	140	diglyceride and fat and ascorbyl	USPAT	2003/04/11 10:46
-	230	diglyceride and fat and ascorbyl	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/11 10:46
-	19	(diglyceride and fat and ascorbyl) and ((426.330.6").PN. or ((426/601-613) or (426/438)).CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/11 10:47
-	12	(diglyceride and fat and ascorbyl) and ((426.330.6").PN. or ((426/601-613) or (426/438)).CCLS.) and @ay<2001	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/11 10:52

-	2202	ascorbyl adj palmitate or ascorbyl adj stearate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/04/11 10:53
-	235	(ascorbyl adj palmitate or ascorbyl adj stearate) and diglyceride	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/04/11 10:59
-	323	(426/611).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/04/11 10:59
-	115	((426/611).CCLS.) and diglyceride	USPAT	2003/04/11 11:06
-	4859	((426/601-613) or (426/330.6) or (426/438)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/04/11 11:07
-	671	((426/601-613) or (426/330.6) or (426/438)).CCLS.) and diglyceride	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/04/11 11:07
-	4816	((426/601-613) or (426/438)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/04/11 11:07
-	4160	(426/601-613).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/04/11 11:07
-	648	((426/601-613).CCLS.) and diglyceride	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/04/11 11:07

TI Plastic oil and fat materials
PA Kao Corp., Japan
SO Jpn. Kokai Tokkyo Koho, 9 pp.
CODEN: JKXXAF
PI JP 60053598 A2 850327 Showa
AI JP 83-161667 830902
DT Patent
LA Japanese
IC ICM C11C003-08
ICS A23D005-00; C11C003-10
CC 17-9 (Food and Feed Chemistry)
AB Fatty acid diglycerides contg. >C22 fatty acid residues (esp. behenic acid) are interesterified with derivs. of C16-22 unsatd. fatty acids (<20% satd. fatty acid content) or fatty acid triglycerides contg. >C22 fatty acids (esp. behenic acid) are interesterified with vegetable oils contg. unsatd. fatty acids (>20% satd. fatty acids) in the presence of the catalyst (e.g., Na methylate, NaOH) at 70-150.degree., washed, solvent-fractionated, and crystd. to give plastic oil and fat materials which are suitable for use as spray oils and coating fat materials. Thus, a mixt. of super hydrogenated high-ersin rape oil (palmitic 2.5, stearic 40.7, arachinic 7.4, behenic acids 46.9, other fatty acids 2.0%) 50 and safflower oil (palmitic 6.5, stearic 2.5, oleic 16.0, linoleic 74.1, linolenic acids 0.9%) 50% was mixed with Na methylate (0.1% of the oil mixt.). The mixt. was heated at 70.degree. for 30 min to yield interesterified oils. The interesterified oil was dissolved in Me₂CO (1 g/mL) at 60.degree.. The soln. was cooled to 25.degree.. After removal of cryst. materials (high-m.p. fractions), the filtrate was cooled to 3-5.degree.. The crystd. material (medium m.p. fractions), was collected and deodorized to be used as the plastic fat material.
ST spray oil glyceride fatty acid; fat coating triglyceride vegetable oil
IT Glycerides, biological studies
(behenic acid-high, interesterification of, with long-chain fatty acids or vegetable oils, in spray oil and fat coating manuf.)
IT Fats, biological studies
(coatings, interesterified fatty acids and glycerides and oils in manuf. of)
IT Fatty acids, biological studies
(interesterification of, with glycerides and oils, in spray oil manuf.)
IT Safflower oil
(interesterification of, with rape oil, in spray oil and fat coating manuf.)
IT Rape oil
(interesterification of, with safflower oil, in spray oil and fat coating manuf.)
IT Oils
(spray, interesterified fatty acids, glycerides and oils in manuf. of)
IT Oils
(vegetable, interesterification of, with glycerides, in spray oil and fat coating manuf.)
IT Glycerides, biological studies
(di-, behenic acid-high, interesterification of, with long-chain fatty acids or vegetable oils, in spray oil and fat coating manuf.)